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3 REGULATIONS AND FEES FOR COTTON TESTING SERVICE

Effective September 15, 1949



The Act of April 7, 1941, 7 U.S.C. 473d, provides for the making of fiber and spinning tests for cotton breeders and others on a fee basis. Pursuant to the provisions of this act, complete regulations ^{1/} governing this service have been published. This publication contains the complete schedule of fees provided for in the regulations as well as a digest of certain provisions that are of general interest to users of the cotton testing service.

Reasonable limitations on the amount of work submitted by any one individual for testing in any month or year may be made when funds or laboratory testing capacity is insufficient to take care of all samples submitted. Samples received from cotton breeders may be given priority on testing schedules over samples received from other persons. Test samples should be sent, without expense to the Government, to: "Cotton Branch, PMA," at one of the following laboratories:

Research and Testing Division, Washington 25, D.C.
U.S. Cotton Spinning Laboratory, Clemson, S.C.
U.S. Cotton Ginning Laboratory, Stoneville, Miss.
U.S. Cotton Spinning Laboratory, College Station, Tex.

Each sample of ginned cotton lint submitted for fiber tests should weigh approximately 5 ounces. Unless otherwise specified each sample submitted for spinning and fiber tests, or for spinning tests alone, should weigh not less than 5 pounds when carded yarn tests are desired and not less than 8 pounds when combed yarn tests are desired. Samples submitted for testing should be labeled or marked to show the name and address of the person submitting them. Samples should also be individually wrapped and should contain identification tags or coupons. All Federal and State quarantine requirements applicable to counties from which samples are shipped shall be complied with by the shipper. Residue of samples and other materials accumulated in making tests shall be the property of the Government, but portions of the materials may be used for illustrative purposes in connection with laboratory reports furnished to the applicant. Upon request, cottonseed will be returned to the owner at his expense.

Results of tests performed on a fee basis are treated by the Government as confidential information and will not be disclosed to others except on written permission from the owner. Testing service may be denied to any person who publishes or communicates false or misleading information concerning the results of tests performed in the laboratories.

As soon as practicable after the fifteenth and the last day of the month, bills for testing work will be rendered by officers in charge of testing laboratories, although any bill may be rendered at an earlier date. Payments should be by check or money order payable to the order of "Treasurer of the United States."

^{1/} Regulations Governing Cotton Fiber and Spinning Tests Under the Act of April 7, 1941 (as amended through September 1949. 7 Code of Federal Regulations 27.501-27.512; 14 F.R. 5050 and 5218).

Fees prescribed in the regulations for various fiber and spinning test items are as follows:

Item No.	Kind of test	Fee per test
(1)	Ginning of test samples, per sample	\$ 1.00
(2)	Fiber length array of ginned cotton lint, 3 sortings per test; three values calculated from array data; upper quartile length, mean length, and coefficient of variation, per sample	6.00
(2a)	Fiber length array of ginned cotton lint, 3 sortings per test; values calculated from array data; upper quartile length, mean length, coefficient of variation, and percentage of fiber by weight in each 1/8-inch length group	7.50
(2b)	Fiber length array of purified or absorbent cotton according to U. S. Pharmacopeia Standards	10.00
(2c)	Fiber length array of cotton manufacturing wastes of all types, three sortings per test; three values calculated from array data; upper quartile length, mean length and coefficient of variation..	9.00
(2d)	Fiber length array of cotton manufacturing wastes of all types, three sortings per test; values calculated from array data; upper quartile length, mean length, coefficient of variation and percentage by weight of each 1/8-inch length group (average of three determinations)	10.50
(3)	Fiber length of ginned cotton lint by fibrograph, 5 measurements per sample	1.00
(3a)	Fiber length of ginned cotton lint by fibrograph, 2 measurements on each of 5 or more replicate sub-samples, per sub-sample .....	.30
	Minimum	1.50
(4)	Determination of foreign matter content of unginned cotton samples by fractionation test. Per sample .....	.75
(5)	Fiber strength of ginned cotton lint, flat bundle, 6 breaks per sample	1.00
(5a)	Fiber strength of ginned cotton lint, flat bundle, 2 breaks on each of 5 or more replicate sub-samples, per sub-sample .....	.30
	Minimum	1.50
(6)	Fiber fineness of ginned cotton lint (weight per inch) and maturity by the array method, 2 measurements each, per sample ...	5.00
(6a)	Combination fiber test, including fiber length, fineness (weight per inch), and maturity by the array method	8.00
(6b)	Fiber fineness (weight per inch) of ginned cotton lint by Micronaire method on sample of raw cotton, average of 2 determinations on each of 2 specimens, per sample .....	.40
(6c)	Fiber fineness (weight per inch) of ginned cotton lint by Micronaire method, 5 or more replicate sub-samples, 2 determinations on each sub-sample, per sub-sample .....	.30
	Minimum	1.50
(6d)	Fiber maturity determinations direct from a prepared sliver based on microprojector readings of 6 specimens, per sample	2.50
(7)	Fiber cross section, includes one photomicrograph print (1000x) and determination of average fiber diameter, wall thickness, and circularity ratio, based on measurements of 200 fibers	8.00
(7a)	Furnishing a photomicrograph (1000x) showing cross sectional view of fibers in a sample of cotton	5.00

Washington, DC
November 5, 1951

- (7b) Additional photomicrograph prints of fiber cross sections, each .75
(1) Furnishing a one-pound sample of short, medium, or long staple

The following additional test items have been approved since the "Regulations and Fees for Cotton Testing Service, Effective September 15, 1949" was published: -

- (11) Combination fiber test (Nos. 1, 5, 6b, and 6d) Fee Effective
Date
(12) Combination fiber test (Nos. 1, 5, 6b), per sample 40.50 3-22-50
(27b) Counting the neps in card web specimens furnished by the applicant on boards covered with black velvet and calculating the number of neps per 100 sq. in. of card web, not to exceed 5 specimens or 180 sq. in. of card web, per test 1.00 11-27-50
(31a) Furnishing a certified relisting of test results for selected samples from previous tests, per sheet 2.50 10-31-51
(35) Yarn strength test, single strand (Scott Tester), cord or ply yarn (maximum 25 breaks), per sample 2.00 10-31-51
time, per sample 25.00
(13) Spinning test, carded and combed yarns, same yarn numbers for both carded and combed, as specified in item 11, per sample 36.00
(14) Spinning test, carded and combed yarns, different combinations of yarn numbers for carded and combed, as specified in items 11 and 12, per sample 45.00
(15) Spinning test on two-pound sample (available to cotton breeders only), includes spinning 22s, and 36s, carded yarns and furnishing only the following data: length as determined by fibrograph, grade, staple length, yarn skein strengths and appearance grades, per test 15.00
Groups of 4 or more tests submitted at the same time, per sample 12.00
(16) Spinning twist test: Processing and spinning into 1 yarn number with six twist multipliers of a sample of raw cotton, picker lap, sliver or roving as a basis for determining optimum twist: (i.e. the twist that will result in maximum yarn skein strength) Any specimen number between 14s and 100s that is specified by applicant. Twenty-five skeins tested for each of the six twists 30.00
(17) Relisting twist test: Additional counts of yarn from same material and in connection with item (15), for each additional number ... 20.00
(18) Furnishing to applicant (on parallel paper tubes) singles yarn of any number and twist as spun in connection with a spinning test (items 11 to 14) in quantities as follows:

Carded Yarn	Per lb.	Each additional pound
50s or coarser	\$17.00	\$5.00
Combed Yarn		
50s or coarser	12.00	10.00
51s to 60s	15.00	13.00
61s to 100s	18.00	16.00

The following additional tests have been approved since the
test schedule was last revised, and are to be included in the
test schedule for the year 1952.

00.1 Item No.	Description of Test	Date
(34)	Determining the effect of the cotton gin on the cotton seed, particularly the effect of the gin on the seed's ability to germinate.	11-21-50
(27)	Determining the effect of the cotton gin on the cotton seed, particularly the effect of the gin on the seed's ability to germinate.	11-21-50
(31)	Determining the effect of the cotton gin on the cotton seed, particularly the effect of the gin on the seed's ability to germinate.	11-21-50
(32)	Determining the effect of the cotton gin on the cotton seed, particularly the effect of the gin on the seed's ability to germinate.	11-21-50
(33)	Determining the effect of the cotton gin on the cotton seed, particularly the effect of the gin on the seed's ability to germinate.	11-21-50
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(35)	Determining the effect of the cotton gin on the cotton seed, particularly the effect of the gin on the seed's ability to germinate.	11-21-50
(36)	Determining the effect of the cotton gin on the cotton seed, particularly the effect of the gin on the seed's ability to germinate.	11-21-50
(37)	Determining the effect of the cotton gin on the cotton seed, particularly the effect of the gin on the seed's ability to germinate.	11-21-50
(38)	Determining the effect of the cotton gin on the cotton seed, particularly the effect of the gin on the seed's ability to germinate.	11-21-50
(39)	Determining the effect of the cotton gin on the cotton seed, particularly the effect of the gin on the seed's ability to germinate.	11-21-50
(40)	Determining the effect of the cotton gin on the cotton seed, particularly the effect of the gin on the seed's ability to germinate.	11-21-50
(41)	Determining the effect of the cotton gin on the cotton seed, particularly the effect of the gin on the seed's ability to germinate.	11-21-50
(42)	Determining the effect of the cotton gin on the cotton seed, particularly the effect of the gin on the seed's ability to germinate.	11-21-50
(43)	Determining the effect of the cotton gin on the cotton seed, particularly the effect of the gin on the seed's ability to germinate.	11-21-50
(44)	Determining the effect of the cotton gin on the cotton seed, particularly the effect of the gin on the seed's ability to germinate.	11-21-50
(45)	Determining the effect of the cotton gin on the cotton seed, particularly the effect of the gin on the seed's ability to germinate.	11-21-50
(46)	Determining the effect of the cotton gin on the cotton seed, particularly the effect of the gin on the seed's ability to germinate.	11-21-50
(47)	Determining the effect of the cotton gin on the cotton seed, particularly the effect of the gin on the seed's ability to germinate.	11-21-50
(48)	Determining the effect of the cotton gin on the cotton seed, particularly the effect of the gin on the seed's ability to germinate.	11-21-50

- (7b) Additional photomicrograph prints of fiber cross sections, each... .75
- (8) Furnishing a one-pound sample of short, medium, or long-staple length American upland cotton for laboratory check test, including data showing results obtained in Cotton Branch Laboratories for length array in accordance with test 2a, fibrograph, tensile strength (Pressley), fineness, and maturity tests, per sample ... 15.00
- (9) Combination fiber test (Nos. 3, 5, 6b, and 6d) 4.50
- (10) Combination fiber test (Nos. 3, 5, 6b), per sample 2.00
- (10a) Combination fiber test (Nos. 3a, 5a, 6c) per sub-sample80
- Minimum 4.00
- (11) Spinning test, carded yarn: includes 22s, one of following standard numbers: 14s, 36s, 44s, 50s, 60s, and one additional optional number, the two numbers other than 22s to be designated by applicant; data reported includes grade and staple classification of raw cotton, fibrograph length, picker and card waste, card web nep count, yarn skein strengths, yarn appearance grades, 3 yarn appearance boards, and conclusions regarding general spinning value, per sample 25.00
- Groups of 4 or more samples submitted at the same time, per sample 20.00
- (12) Spinning test, combed yarn; as specified in item 11 for carded yarn (for cotton longer than 1-1/4 inches, yarn numbers spun are 60s, and 80s or 100s, and one additional optional number), per sample 30.00
- Groups of 4 or more samples submitted at the same time, per sample 25.00
- (13) Spinning test, carded and combed yarns, same yarn numbers for both carded and combed, as specified in item 11, per sample 36.00
- (14) Spinning test, carded and combed yarns, different combinations of yarn numbers for carded and combed, as specified in items 11 and 12, per sample 45.00
- (15) Spinning test on two-pound sample (available to cotton breeders only), includes spinning 22s, and 36s, carded yarns and furnishing only the following data: length as determined by fibrograph, grade, staple length, yarn skein strengths and appearance grades, per test 15.00
- Groups of 4 or more tests submitted at the same time, per sample 12.00
- (16) Spinning twist test: Processing and spinning into 1 yarn number with six twist multipliers of a sample of raw cotton, picker lap, sliver or roving as a basis for determining optimum twist: (i.e. the twist that will result in maximum yarn skein strength) Any spinnable number between 14s and 100s that is specified by applicant. Twenty-five skeins tested for each of the six twists 30.00
- (17) Spinning twist test: Additional counts of yarn from same material and in connection with item (16), for each additional number ... 20.00
- (18) Furnishing to applicant (on parallel paper tubes) singles yarn of any number and twist as spun in connection with a spinning test (items 11 to 14) in quantities as follows:

Carded Yarn:	Per lb.	Each additional pound
60s or coarser	\$10.00	\$8.00
Combed Yarn:		
60s or coarser	12.00	10.00
61s to 80s	15.00	13.00
81s to 100s	18.00	16.00

(19)	Furnishing additional yarn boards for yarn spun in connection with a spinning test, per board .....	.50
(20)	Additional yarn numbers in connection with spinning tests (items 11 through 14), for each such additional number	5.00
(21)	Spinning, plying, and testing each number of yarn, 2 or 3 ply only (this test performed only in connection with spinning tests, items 11 to 14)	8.00
(21a)	Spinning, plying and testing yarns having 4 or more ply, construction not coarser than equivalent of number 1 singles yarn (plied only from a number spun in connection with spinning test samples weighing 5 lbs. or more) Per sample	12.00
(22)	Cord test, manufacturing and testing any construction not coarser than the equivalent of number 1 singles yarn, such as 23s/5/3 or other tire cord constructions specified by applicant, including testing for strength, elongation, twist, and gage (this test performed only in connection with spinning tests, items 11 to 14)..	20.00
(23)	Yarn skein strength, size, yarn appearance determinations, and furnishing one yarn appearance board (25 skein breaks per sample)..	2.00
(24)	Moscrop single strand test; strength and size on 6 bobbins or less (minimum 36 breaks per bobbin)	2.00
(24a)	Furnishing copies of moscrop record chart, per copy .....	.75
(25)	Shirley Analyzer separation of lint and foreign matter in 4-ounce sample of ginned cotton lint	2.00
(25a)	Shirley Analyzer separation of lint and foreign matter in 4-ounce sample of cotton waste	3.00
(26)	Shirley Analyzer separation of lint and foreign matter in 1-pound sample of ginned cotton lint	5.0
(26a)	Shirley Analyzer separation of lint and foreign matter in 1-pound sample of cotton waste	7.00
(27)	Picker and card waste test, including nep count in card web, 5-pound sample	5.00
(27a)	Picker and card waste test, including nep count in card web, 50-pound sample	25.00
(28)	Classification of ginned cotton lint, including grade and staple length, per sample .....	.25
(29)	Fabric strength test (grab method), 5 breaks each warpwise and fillingwise	6.00
(30)	Fabric weaving and testing, including preparation of warp, weaving and testing of a standard sheeting construction	25.00
(31)	Furnishing more than two copies of test results, per sheet .....	.25
(32)	Furnishing copies of test data work sheets, per sheet .....	.40
(33)	Determination of moisture content of samples of raw cotton, cotton stock at various stages of processing, cotton yarn or various types of cotton manufacturing waste by the drying oven method, per sample .....	.50
	Minimum	2.00
(34)	Special samples of raw cotton, manufacturing waste, sliver and yarn .....	.50
(27b)	Counting the neps in card web specimens furnished by the applicant on boards covered with black velvet and calculating the number of neps per 100 sq.in. of card web, not to exceed 5 specimens or 100 sq. in. of card web -- per test	1.00